

Converting Colors

XYZ(21.5694, 35.5871, 9.2634)

Have a look what the booklet for
XYZ(21.5694, 35.5871, 9.2634)
contains.

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Color

**XYZ(21.5041, 35.5382,
9.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB536
RGB	91, 181, 54
RGB Percent	36%, 71%, 21%
CMY	0.6431, 0.2902, 0.7882
CMYK	0.50, 0.00, 0.70, 0.29
HSL	103°, 54%, 46%
HSV	103°, 70%, 71%
XYZ	21.5041, 35.5382, 9.2162
YIQ	139.6120, -12.8730, -58.5770

Conversions

Conversions Part 2

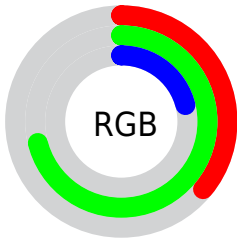
Format	Color
RYB	54, 181, 144
Decimal	6010166
CIELab	66.17, -49.49, 53.85
CIElCh	66, 73.139, 132.584
Yxy	35.5382, 0.3245, 0.5364
Android (android.graphics.Color)	4284200246 (0xFF5BB536)
YUV	139.6120, -42.2067, -42.6327
Hunter-Lab	59.6139, -39.9354, 32.5636

Details

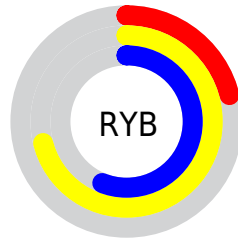
The XYZ color **21.5041, 35.5382, 9.2162** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **21.1632, 11.9051, 44.9004**, and the grayscale version is **24.9396, 26.2384, 28.5736**.

A 20% lighter version of the original color is **45.4941, 68.5277, 25.0167**, and **8.0154, 15.3984, 2.5497** is the 20% darker color. If you saturate the color by 10%, you get **19.9976, 34.8030, 7.3251**, and if you desaturate by 10%, it is **23.3866, 36.4512, 11.9520**.

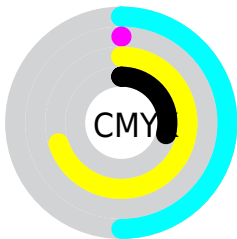
Distribution



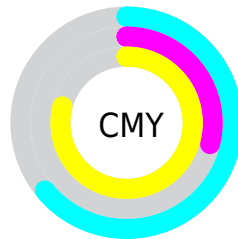
- Red (36%)
- Green (71%)
- Blue (21%)



- Red (21%)
- Yellow (71%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (70%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5041, 35.5382, 9.2162 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.5041, 35.5382, 9.2162 by changing the saturation by 10% instead.

■ 21.5041, 35.5382,
9.2162

■ 21.5041, 35.5382,
9.2162

252.6268,
326.9376, 195.2597

■ 13.6075, 24.0778,
4.7837

■ 45.4100, 68.3187,
24.8948

■ 7.9281, 15.3913,
2.0644

■ 62.1500, 90.4075,
36.9780

■ 4.1004, 9.0945,
0.5945

■ 82.5686, 116.8079,
52.4485

■ 1.7591, 4.8029,
0.0000

■ 107.0310,
147.9043, 71.7248

■ 0.4928, 2.1321,
0.0000

■ 135.9027,
184.0811, 95.2256

■ 0.0000, 0.6826,
0.0000

■ 169.5490,

■ 0.0000, 0.0000,

225.7226, 123.3693

0.0000

208.3353,
273.2133, 156.5745

■ 21.5041, 35.5382,
9.2162

■ 21.5041, 35.5382,
9.2162

■ 19.9976, 34.8030,
7.3251

■ 23.3866, 36.4512,
11.9520

■ 18.8350, 34.2278,
6.1778

■ 25.6687, 37.5489,
15.6135

■ 17.9785, 33.7987,
5.5762

■ 28.3744, 38.8434,
20.2748

■ 31.5254, 40.3443,
26.0019

■ 35.1415, 42.0605,
32.8552

■ 39.2414, 44.0005,
40.8904

■ 43.8426, 46.1721,
50.1599

■ 48.9619, 48.5830,
60.7124

■ 54.6152, 51.2402,
72.5944

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.4207, 35.5382, 4.7251



21.5041, 35.5382, 9.2162



17.4866, 35.5382, 23.3858

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.5041, 35.5382, 9.2162



27.8936, 35.5382, 128.6763



58.5952, 35.5382, 27.0512

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.5041, 35.5382, 9.2162



21.1632, 11.9051, 44.9004

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.9384, 35.5382, 59.5482



21.5041, 35.5382, 9.2162



38.5455, 35.5382, 131.6121

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.5041, 35.5382, 9.2162



20.5940, 35.5382, 95.0675



50.0095, 35.5382, 101.7227



51.6477, 35.5382, 10.6584

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.5041, 35.5382, 9.2162



16.8888, 35.5382, 41.4604



50.0095, 35.5382, 101.7227



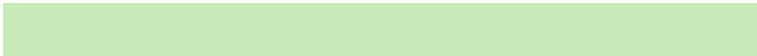
59.2930, 35.5382, 36.0555

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.5049, 35.5397, 9.2170



62.1217, 74.9409, 57.2749



29.5309, 29.7066, 7.6681



13.0352, 16.0117, 11.6306



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.5049, 35.5397, 9.2170



34.6496, 61.7546, 11.8883



19.4722, 34.4040, 13.0888



8.6139, 9.6060, 9.0527



12.4546, 23.3306, 3.8468



0.4514, 0.7648, 0.1238

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.1632, 11.9051, 44.9004



33.7917, 16.7017, 79.7373



26.3435, 14.8498, 32.7547



8.6041, 8.5199, 10.6974



11.9865, 5.5151, 30.5697



0.4317, 0.2017, 0.9644

Previews

White Background



This preview shows how the XYZ color 21.5041, 35.5382, 9.2162 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.5041, 35.5382, 9.2162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5041, 35.5382, 9.2162

Background



This preview shows how black text looks on a background with the XYZ color 21.5041, 35.5382, 9.2162.



This preview shows how white text looks on a background with the XYZ color 21.5041, 35.5382,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.5041, 35.5382, 9.2162

Protanopia

31.7156, 34.9471, 7.9796

Deuteranopia

35.7068, 34.9688, 9.7182



Tritanopia

29.6746, 35.3722, 50.0633

Trichromacy



Original Color

21.5041, 35.5382, 9.2162

Protanomaly

26.6328, 34.4473, 8.3773

Deuteranomaly

28.4100, 33.9942, 9.3391

Tritanomaly

25.3314, 34.7289, 28.6608

Monochromacy



Original Color

21.5041, 35.5382, 9.2162

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

22.5077, 28.6844, 18.8184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5041, 35.5382, 9.2162 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(91, 181, 54)` looks like.

```
.text, #text, p{  
    color:rgb(91, 181, 54)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 181, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 181, 54) }
```

Border

The CSS property to change the border of an element to XYZ 21.5041, 35.5382, 9.2162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 181, 54) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(91, 181, 54) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(91, 181, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 181, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 181, 54);  
box-shadow:4px 4px 4px 4px rgb(91, 181,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5041, 35.5382, 9.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 181, 54) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 181,  
54) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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